

COC # 55

11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776  
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132  
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(425) 420-9200 X 420-9210  
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## CHAIN OF CUSTODY REPORT

Work Order #: M106011

CLIENT: Bristol			INVOICE TO: Bristol										<b>TURNAROUND REQUEST in Business Days*</b> Organic & Inorganic Analyses <div style="display: flex; justify-content: space-around;"> <div>10 7 5 4 3 2 1 &lt;1</div> <div>STD.</div> <div>Petroleum Hydrocarbon Analyses</div> </div> <div style="display: flex; justify-content: space-around;"> <div>5 4 3 2 1 &lt;1</div> <div>STD.</div> <div>Please Specify</div> </div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">OTHER</div>								
REPORT TO: Anne Kraemer			P.O. NUMBER: 21090																		
ADDRESS: Amchitha Island																					
PHONE: 770-0974			FAX: 770-0975																		
PROJECT NAME: Amchitha			REQUESTED ANALYSES																		
PROJECT NUMBER: 21090																					
SAMPLED BY: ARK / CRM																					
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME	HCID														MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID	
1. OIAMAS01SL		6/5/01 1548		✓														S	1		
2. OIAMAS02SL		6/5/01 1554		✓														S	1		
3. OIAMAS03SL		6/5/01 1612		✓														S	1		
4.																					
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					
11.																					
12.																					
13.																					
14.																					
15.																					
RELINQUISHED BY: Charlie Marshall			FIRM: Bristol			DATE: 6/5/01			TIME: 1642			RECEIVED BY: Craig Brodie			FIRM: NCA			DATE: 6/5/01			
PRINT NAME:			FIRM:			DATE:			TIME:			PRINT NAME:			FIRM:			DATE:			
RELINQUISHED BY:			FIRM:			DATE:			TIME:			RECEIVED BY:			FIRM:			DATE:			
PRINT NAME:			FIRM:			DATE:			TIME:			PRINT NAME:			FIRM:			DATE:			
ADDITIONAL REMARKS:																	TEMP:		PAGE 11 OF 11		



**Seattle** 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223  
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541.383.9310 fax 541.382.7588

6 December, 2001

Anne Kranawetter  
Bristol Environmental & Engineering  
2000 W International Airport C#1  
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/05/01 16:42. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson  
Environmental Group Leader

Work Orders included in this report:

**M106011**



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Bristol Environmental & Engineering  
2000 W International Airport C#1  
Anchorage, AK 99502-1116

Project: Amchitka  
Project Number: 21090  
Project Manager: Anne Kranawetter

**Reported:**  
06/07/01 13:38

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMA501SL	M106011-01	Soil	06/05/01 15:48	06/05/01 16:42
01AMA502SL	M106011-02	Soil	06/05/01 15:54	06/05/01 16:42
01AMA503SL	M106011-03	Soil	06/05/01 16:12	06/05/01 16:42

COC # 55

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**North Creek Analytical, Inc.**  
**Environmental Laboratory Network**

1 of 4



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**Reported:**  
06/07/01 13:38

### Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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#### 01AMA501SL (M106011-01) Soil

Sampled: 06/05/01 Received: 06/05/01

Gasoline Range Hydrocarbons	ND	9.26	mg/kg	1	NWTPH HCID	06/05/01	06/05/01	0106017	
Diesel Range Hydrocarbons	ND	23.1	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	46.3	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>118 %</i>	<i>50-150</i>							

#### 01AMA502SL (M106011-02) Soil

Sampled: 06/05/01 Received: 06/05/01

Gasoline Range Hydrocarbons	ND	9.23	mg/kg	1	NWTPH HCID	06/05/01	06/05/01	0106017	
Diesel Range Hydrocarbons	ND	23.1	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	46.1	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>112 %</i>	<i>50-150</i>							

#### 01AMA503SL (M106011-03) Soil

Sampled: 06/05/01 Received: 06/05/01

Gasoline Range Hydrocarbons	ND	9.32	mg/kg	1	NWTPH HCID	06/05/01	06/05/01	0106017	
Diesel Range Hydrocarbons	ND	23.3	"	"	"	"	"	"	
<b>Heavy Oil Range Hydrocarbons</b>	<b>123</b>	46.6	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>109 %</i>	<i>50-150</i>							

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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Project: Amchitka  
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Project Manager: Anne Kranawetter

**Reported:**  
06/07/01 13:38

### Hydrocarbon Identification per NW-TPH Methodology - Quality Control

#### North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 0106017 - TPH-HCID (WA)

##### Blank (0106017-BLK1)

Prepared & Analyzed: 06/05/01

Gasoline Range Hydrocarbons	ND	10.0	mg/kg
Diesel Range Hydrocarbons	ND	25.0	"
Heavy Oil Range Hydrocarbons	ND	50.0	"

<i>Surr: 1-Chlorooctadecane</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>	<i>107</i>	<i>50-150</i>
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06/07/01 13:38

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.  
wet Sample results reported on a wet weight basis (as received)  
RPD Relative Percent Difference

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### Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106011 FINAL 06 07 01 1338.mdb Default Report (not modified)